

SOUTHERN UTAH Woodturners



American Association of Woodturners Chapter Since May 2010

OCTOBER 2022

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From the Office of the President--

Fellow turners,

Another great meeting last Saturday. With the Christmas season rapidly approaching, our demonstration focus was on two different ornaments, a birdhouse and an inside/outside ornament.

Next month's meeting on November 12th will showcase another professional turner demonstrating an LED lit sea urchin with base and finial. It should be a demo not to miss.

All of us should be getting a jump on our Christmas gift turnings as it will be here before we know it.

Remember we'll be taking Christmas banquet reservations at the November meeting.

Until then, keep turning and be safe.

From the Office of the Secretary

Regarding Christmas luncheon banquet and gift exchange. If you wish to participate in the gift exchange, please bring a turned item in a plain brown paper bag.

A gallery will be available to display your favorite turnings. Please bring an item and show off your talents, (limit 3)

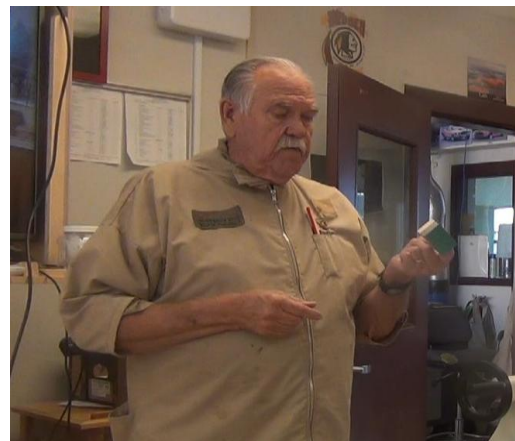
Deadline to signup for banquet is November 22, 2022. You can signup at the next regular meeting ,November 12,2022 or contact Ken Ragsdale. Please note banquet is for paid up members only. Banquet signup form with contact information will be sent in separate email

We are making the application for membership to Southern Utah Woodturners available on our website as well as including with the newsletter mailing as a separate attachment. Please mail form, with dues check (\$30) for 2022, to Glenn Pearson at the address on the application so he may update our records for the membership roster.

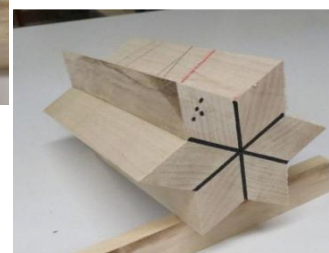
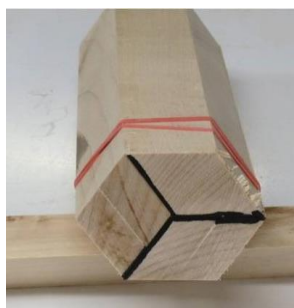
The first demo this month was birdhouse ornament turning and assembly , presented by Jerry Keller.



Jerry Keller, explaining the different techniques and designs of the birdhouse tree ornament. It could be turned from a single piece of wood or a blank made from laminated strips of contrasting species.



The second demo was presented by Jim Pope on inside/outside turnings using two, three, four and six stave pieces to achieve multiple openings



Show & Tell



**Left-- Neal Carter,
tamarack lasered
engraved bowl**



**Right--Joe DeLong
,uniquely designed
bowl of walnut**



**Left-- Ken
Kofoed, pecan
and a type of
spectraply vase**



**Right-- Ken
Kofoed ,ash
hollowform vase
with engraved
puzzle design**



**Vernile Prince , apple flower vase
with cut stone accent band**



**Left-- Joe Peacock ,
hollowform
lidded pet urn**



**Right-Joe Peacock, one
of many table
decoration pumpkins**



**Left--
Bob
Belkowski,
gnomes**



**Right , Brent
Arnold ,
rolling pin**



**Left-Reiner Jakel,
aspen crotch bowl**



**Right-Reiner Jakel ,
pine burl bowl**

GALLERY



aspen crotch bowl



pine burl bowl

submitted by Reiner Jakel



Left--ash vase with
rotary tool engraving ,
puzzle design

Right-- pecan vase with
a type of spectrally for
color accent

submitted by
Ken Kofoed



Various sizes of gnomes

Submitted by Bob Belkowski





Various sizes and colors of pumpkins.

**submitted by
Joe Peacock**



**apple flower vase with unique cut stone
accent ring**



Lidded hollowform pet urn

submitted by Joe Peacock

**Letter of appreciation for wood turned recognition awards from the National Federation of the Blind
August 12, 2022**

Dear Vern Jensen and Southern Utah Woodturners Club:

Thank you so very much for the personalized, recognition, plaques/bowls, made by your club. They were presented to the National Federation of the Blind, Red Rocks Chapter, and received with much gratitude.

We would especially like to thank individual members of the SUWT Club for volunteering their time and resources, for making the NFB Plaques/Bowls.

They include:

- 1) Jim Pope for insisting that the plaques be provided at no cost to the NFB. He also provided the wood to a group of volunteers to turn the plaques and informally managed the project.**
- 2) Will Arcularius for designing the laser etching (front and back) and for personally laser etching the plaques.**

Again, thank you for these beautiful gifts.

Helen Eckman, President

Red Rocks NFBU

907-631-2707

From Everett Bacon- President, National Federation of the Blind (Utah)

Thanks

Hi Vern, I just received this wooden plate. It's really gorgeous! I can't thank you enough again.

TIPS AND TRICKS
LEON OLSON --OCTOBER 2022

Drills bits and woodturning

When I worked at Medtronic the company bought all the machinists their own sets of twist drill bits, Number sizes, Letter sizes and fractional sizes. The shop had Metric sizes. A regular set of Number drills includes sizes 1 through 60. There is a small set of Number drills that includes numbers 61 to 80. The size of Number drills goes from 0.0135 to 0.228. The sizes of letter drills, A to Z, goes from 0.234 to 0.413. The size of fractional drills sets go from 1/16" to "1/2" or 0.0625 to 0.500. There are sets of Fractional drills that start at 1/2" and go larger. Today I needed a 15mm drill but only have a few metric drill bits.

What has any of that got to do with woodturning? We drill a lot of holes. Usually, the only drill sizes we have are Fractional sets which include 29 sizes. I would be in trouble if that was all I had. When I make a Christmas ornament, I use the shank and eyelet of a #2 bait hook to hang the ornament. I use a Number 60 drill to start the hole for the hook shank into the top of the finial and the finish the hole with a Number 62 drill. That way I can start the shank into the finial straight and then the wood holds the shank tight so I do not have to worry about it coming out. I do not have to worry about it being so hard to push the shank in that I might bend the shank or split the finial. I have done both before I used the #60 and #62 drills. Suppose you want a press fit a 1/4" round HSS tool blank in a wood handle. Most twist drills, drill slightly over size in wood. If you have a set of Letter drills, you get out the "D" drill which is 0.246 and drill the hole. If you need a loose fit, you get out the "F" drill which is 0.257. You can call up a drill size chart online at engineersedge.com/drill_sizes.

Most of the time I use the inexpensive fractional drill from Harbor Freight because they are so cheap to replace. I get them when they are on sale for \$10 per set. If I want a hole for a tool handle, I drill it undersize with a drill from a Harbor Freight drill set and then use one of my good drills to drill the hole to size. I added an IKEA LED light to my lathe this week. The base is made from what looks like steel splatter from the floor of a welding shop in a brittle resin. I had to drill two holes and counter sink them. The material is extremely abrasive. When I finished, I tossed both drills in the trash. I did what I needed to do for about \$0.75 without the hesitation I would have had about having to replace my good drills.

There are Forstner bits and boring bars to drill large or odd size holes. There are different types of Forstner bits, some better than others. Buy the best you can afford. Forstner bits can drill partial holes straight through without wandering. Twist drill follow existing holes or flaws in the wood. That is why it is so important to center drill twist drill holes first. Boring bars are used for drilling large odd sized holes. They do not remove the center, they only cut where the boring bar touches the wood. I used a boring bar to drill a 4 1/2" hole for my vacuum system.

Drilling on a lathe is different than drilling on a drill press. On a drill press the tip of the drill keeps the drill on center where ever you drill. On a lathe the spinning material/wood keeps the drill on center. That is why you can use a drill on a lathe with a handle on the drill bit but with a drill press you need an on-center chuck. If you have not aligned your tailstock with your headstock and use a chuck in the tailstock, you could be drilling off center which will cause your drill to wander and flex twice per revolution. In wood, holes can wander because of flaws in the wood such as hard and soft areas.

Twist drill tend to tear out wood as they enter the wood and when they go through on the other side. Brad Point drills and Forstner bits usually do not tear wood as they go in but might as they go through the other side. The first drills were single flute bits. You can make your own to get a custom hole size. Drilling acrylic is best done with a bit that has a long point with a flute that is flat and scrapes its way in.

If you have questions regarding "Tips & Tricks" e-mail me at leonolson@aol.com
Leon Olson

WHY WE LIVE IN SOUTHERN UTAH



Hiking Queen's Garden & Navajo Loop Trails, Bryce Canyon National Park

Photo courtesy of Glenn Pearson

Attendees to regular meeting October 8, 2022

Steve Ashworth, Brent Arnold, Bob Belkowski , Roger Bender , Jeff Blonder , Neal Carter ,Kim Christopherson, Joe DeLong, Jack Gunn ,Ross Henshaw, Chad Humphries, Reiner Jakel, Sunny Johnson (student),Vern Jensen, Jerry Keller, Ken Kofoed, Sean Lovell (student) , George Mason, Joe Peacock, Glenn Pearson Jim Pope, Vernile Prince, Mike Russell, Don Smith, Chuck Waddell, Eric Walker, Don Wilson , Chuck Zimmerman .

Dedicated to promoting woodturning in Southern Utah through educational demos, classes & fellowship between members.

"Learning Through Turning"

Turn Often & Turn Safe

Meeting the 2nd Saturday of each month

Visit our website at :

<https://www.southernutahwoodturners.com> Email-- suwtclub@gmail.com

ITEMS FOR SALE BY MEMBERS

Please submit items for sale to Jim Pope (suwt2020@gmail.com)before the 15th of the month to be included in the newsletter

FOR SALE

Fishlake Lumber Co.
 Rough Sawn Lumber Specialists
 Full Line of Building Supplies
 Ace Hardware & IFA Dealer



435-438-5454
 800-304-5454
 Fax 435-438-5477
 1627 N. Hwy. 357
 P.O. Box L
 Beaver, UT 84713

Lynn Anderson
<http://fishlakesawmill.com>
fishlakelumber@infowest.com



The Foundation
 of Valley View Medical Center

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